Manhole Inspection Summary Manhole # S47K 019MH Printed On: 3/20/2009 Page 1 of 5 Inspection ☐ Is Incomplete Rating: 5) Immediate Attention Required Record Plat: 47K Node: 019 Status: Found Insp Date: 2/10/09 3:03 PM Incomplete Comments Crew: BENHARRIS Inspector: paulfry Firm: ATS Location Address: 2030 ALICEANNA ST Cross Street: S CASTLE ST Manhole Type: **Junction** Location: Roadway Ground Conditions: Dry Weather: **Dry** Subject To Ponding: Sheeting Prev. Rehab Comments ARRIVED AND FOUND COVER STUCK AND BROKEN INSIDE RID. USED 16LB MAUL TO BREAK AND REMOVE LID. HEAVY ACTIVE FRESHWATER INFILTRATION - SMELLS LIKE HARBOR WATER - THROUGH CORBEL AND BARREL WALLS. HEAVY FLOW IN PIPE PREVENTED GETTING ACCURATE INVERT DEPTHS Shape: Circular Diameter: 24 (in.) Length: 0 (in.) Dist A/B Grade: 0 Cover (in.) Type: Sanitary Condition: **Sound** Cover Material: Cast Iron Properties: Bolted Vented Water Tight Water Tight Insert Frame Offset: 0 (in.) Condition: ✓ Sound ☐ Cracked Leaks **Chimney / Frame Adjustment** Exists Material: Parged Height: 0 (in.) Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: \(\subseteq \text{None} \) ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall Corbel Material: Brick Type: Concentric/Eccentric Parged Condition: ☐ Sound ✓ Cracked ☐ Root Intrusion Infiltration: None Joint Roots Wall Barrel Material: Brick Parged Shape: Rectangular Diameter: 48 (in.) Length: 48 (in.) Condition: ☐ Sound ✓ Cracked ☐ Root Intrusion ☐ Loose Brick ✓ Deteriorated Infiltration: None V Joint V Cracks Mortar Roots V Wall **Bench** Exists Material: Parged Condition: Sound Cracked Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris Channel Material: Unknown ☐ Parged Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: 0 Condition: ✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks Debris **Steps** Count: 0 Missing: 7 ✓ Corroded

Depth: **0** (ft.) ☐ Active Surcharge Present

☐ Evidence Of Surcharge

Surcharge

Manhole # S47K__019MH

Printed On: 3/20/2009 Page 2 of 5

Location View



ALLICEANNA ST

Miscellaneous



DEBRIS AT 3 OCLOCK IN

OPENED



USED 16 LB SLEDGE TO BREAK SEAL AND OPEN MANHOLE

Top View



SHEETING



EVIDENCE OF INFLOW DUE TO SHEETING FROM CROWN OF ROADWAY

NEW LID



REPLACED WITH NEW LID

Manhole # S47K__019MH

Printed On: 3/20/2009 Page 3 of 5

BROKEN LID



LID WAS WORN AND BROKEN ON ARRIVAL

Defect 4



ACTIVE INFILTRATION THROUGH CRACKS IN CORBEL WALL ABOVE 6 OCLOCK IN

Defect 2



ALL STEPS ARE CORRODED AND MISSING. CANNOT GIVE ACCURATE COUNT OF NUMBER EXPECTED

Defect 5



DETERIORATED CORBEL WALL

Defect 3



BARREL WALL IS CRACKED

Defect 1



CHIMNEY IS CRACKED AND DETERIORATED WITH A GAP BELOW FRAME

Manhole # S47K 019MH

Printed On: 3/20/2009 Page 4 of 5

48 in. Circular Gravity Sewer Pipe Out @ 12 OClock

12 O'Clock Outflow



NOTE WATER COMING IN THROUGH **SEAL**

Pipe Height: 0

(in.) Direct

Pipe Material: **Unknown**

☐ Pipe Lined

Invert Depth: 13.00 (ft.) Flow Characteristics: Turbulent

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: 0

(in.)

Deposits Extent:

Infiltration: Evidence

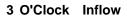
Pipe Seal Cond: Cracked

Drop: None

Connects To: Connecting Node Not **Available**

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 3 OClock





Pipe Height: 8.4 (in.)	Rod and Bar (Angled)
Pipe Material: Clay	☐ Pipe Lined
Invert Depth: 10.71 (ft.)	Flow Characteristics: Slow
Deposits: ✓ None □	Mud ☐ Sludge ☐ Debris ☐ Grease

Infiltration: Evidence

Silt Depth: 0

Deposits Extent: (in.)

Pipe Seal Cond: Broken

Drop: None

Connects To: Connecting Node Not **Available**

Possible Illicit Connection

Manhole # S47K__019MH

Printed On: 3/20/2009 Page 5 of 5

48 in. Circular Gravity Sewer Pipe In @ 6 OClock

6 O'Clock Inflow



Pipe Height: 0 (in.) Direct

Pipe Material: **Unknown** Pipe Lined

Invert Depth: 12.90 (ft.) Flow Characteristics: Turbulent

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: Gusher Pipe Seal Cond: Cracked

Drop: **None**

Connects To: Manhole

☐ Possible Illicit Connection